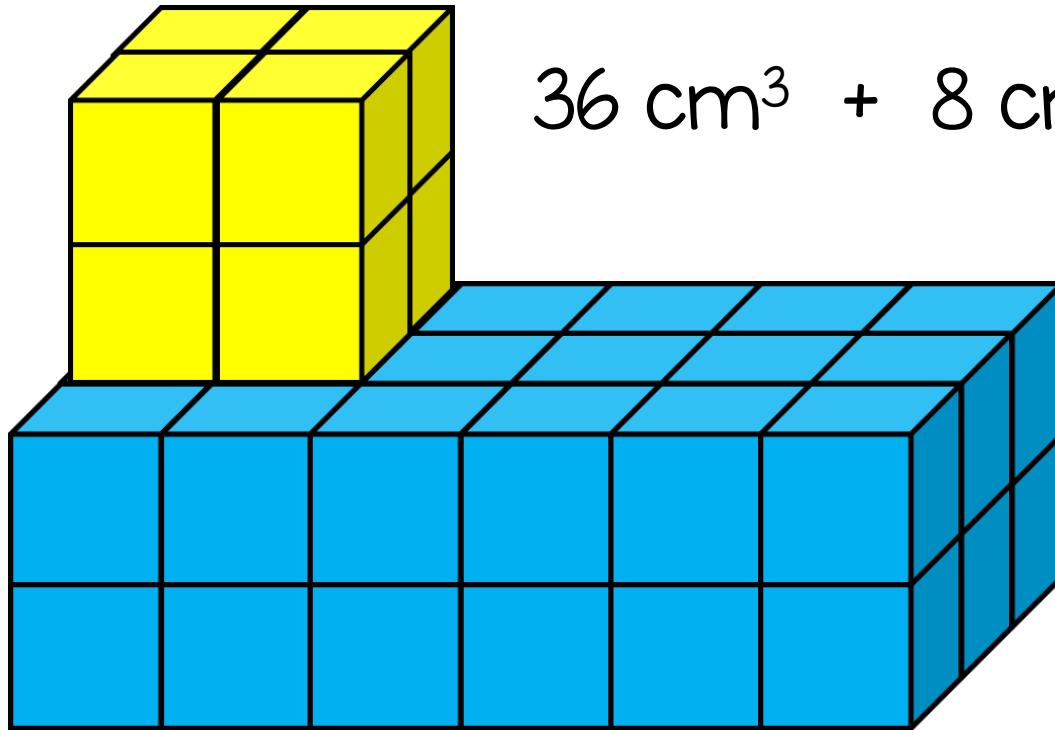


Bigger, Better Volume



$$36 \text{ cm}^3 + 8 \text{ cm}^3 = 44 \text{ cm}^3$$

Bigger, Better Volume

Materials:

- Snap cubes or centimeter cubes
- Recording sheet or math journal

Directions:

- 1) Both you and your partner build a rectangular prism using cubes.
- 2) Find the volume of each rectangular prism. Draw the prisms and record the volumes on the recording sheet or in your journal.
- 3) Combine the two rectangular prisms to make one solid figure without any overlapping cubes. Add to find the total volume.
- 4) Draw and label the new shape in your journal.
- 5) Make 4 different solid figures by repeating steps 1-4.
- 6) Order and sketch the four solid figures from least to greatest volume. What is the difference between the least and greatest volume?

Name _____ Date _____

Bigger, Better Volume - Recording Sheet

In each square below, draw the individual prisms and record their volumes. Combine the prisms to make a new solid shape. Draw the new shape and record the volume using an addition equation.

1		2	
3		4	

On the back of the recording sheet, order and sketch the four solid figures from least to greatest volume. What is the difference between the least and greatest volume?

Graphics and Fonts

